

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
: Noriyuki OHNISHI et al. : Attn: BOX PCT  
Serial No. NEW : Docket No. 2002\_0104A  
Filed January 29, 2002 :

POLYMERIZABLE BIOTIN DERIVATIVES,  
BIOTIN POLYMER COMPOUNDS AND  
AVIDIN STIMULI-SENSITIVE POLYMER  
COMPOUNDS  
[Corresponding to PCT/JP00/05113  
Filed July 28, 2000]

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents,  
Washington, DC 20231

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of (X) the references listed on the attached Form PTO-1449 and/or () the additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 was previously submitted to the Patent Office in prior parent application Serial No. PCT/JP00/05113.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, or

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

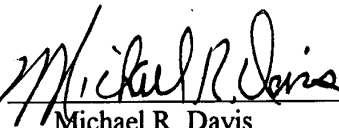
3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference, if any, listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☐ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Noriyuki OHNISHI et al.

By



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January 29, 2002

FORM PTO 1449 (modified)				ATTY DOCKET NO. 2002_0104A		SERIAL NO. NEW	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  Date Submitted to PTO: January 29, 2002				APPLICANT Noriyuki OHNISHI et al.			
				FILING DATE January 29, 2002		GROUP	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,863,748	1/1999				
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AB	86/1899	3/1986	WO			
	AC	226470	6/1987	EP			
	AD	914835	5/1999	EP			
	AE	2-96581	4/1990	JP			
	AF	95/31730	11/1995	WO			
	AG	11777	6/1980	EP			
	AH	922715	6/1999	EP			
	AI	9-49830	2/1997	JP			
	AJ	97/329	1/1997	WO			
	AK	96/4402	2/1996	WO			
	AL	99/64378	12/1999	WO			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AO	Tarasow, T., et al. "Characteristics of an RNA Diels-Alderase Active Site", J. Am. Chem. Soc., vol. 121, no. 15 (1999), pages 3614-3617.					
	AP	Nelson, P., et al. "Convenient preparation of new C-5 biotinylated dUTP derivative", Nucleosides Nucleotides, vol. 5, no. 3 (1986), pages 233-241.					
	AQ						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.